

ABSTRACT

Method and apparatus for managing memory of a data processing system. In one embodiment, memory objects are allocated in response to memory allocation requests.

- 5 Each object has an associated plurality of addresses. Type-identifier codes are respectively stored in association with the memory objects. Upon detection of a transient memory error at a memory address a recovery action is selected and performed based on the type-identifier code of the object that is associated with the erring memory address.